

ORIGINAL

Dateland Public Service Co., Inc.  
P.O. Box 3011  
Dateland, AZ 85333  
928-257-2255



RECEIVED

November 20, 2015

Arizona Corporation Commission  
DOCKETED

2015 NOV 25 A 10: 02

Arizona Corporation Commission  
1200 West Washington Street  
Phoenix, AZ 85007

NOV 25 2015

AZ CORP COMMISSION  
DOCKET CONTROL

Attn: Docket Control



RE: DOCKET NO. W-02027A-13-0470  
Decision No. 74784

This letter is being sent in response to the ACC staff proposed and recommended changes.

Per Item 5 (page 5 of the Docketed Order)

- \* "Dateland should monitor the number of gallons of water pumped and sold to determine the amount of non-account water for one year and coordinate its readings of well meters with its readings of customer meters each month, and keep records on any non-account water it uses for legitimate purposes. The Company should file with Docket Control, within 13 months of the Decision's effective date, as a compliance item in this docket, a water use data report reflecting the monitoring results. If the reported water loss is greater than 10 percent, Dateland should prepare a report containing a detailed analysis and plan to reduce water loss to 10 percent or less. If the Company believes it is not cost effective to reduce the water loss to less than 10 percent, it should submit a detailed cost/benefit analysis to support its opinion. The water loss reduction report or the detailed analysis, whichever is submitted, should be docketed as a compliance item file with Docket Control, as a compliance item in this docket, within 13 months of the Decision's effective date."
- \* DPSC is filing paperwork to complete our compliance issue shown in the above paragraph.
- \* Attached is a record of water usage for both the well meter and the customer's meter for the past twelve (12) months, a record of the non-accounted water used for legitimate purposes for the past twelve(12) months, and a short explanation pertaining to high usage in 2 months and a negative reading in 1 month.

Sincerely,

Linda Stevens, Operation Manager

**Dateland Pulbice Service Company Inc.**  
**Annual Water Audit Chart**

Year: 2014 - 2015

Month	Master Meter	Customer's Billed	Difference	Accounted	Unaccounted
Water For Month of:					
January 2015	641,745	471,340	170,405	139,114	31,291
February	867,012	563,180	303,832	185,662	118,170
March	817,412	624,990	192,422	170,434	21,988
April	982,516	708,570	273,946	217,313	56,633
May	925,510	612,600	312,910	200,962	111,948
June	1,261,070	908,110	352,960	261,693	91,267
July	1,030,462	763,790	266,672	223,163	43,509
August	1,608,539	758,230	250,309	222,847	27,462
September	808,287	590,550	217,737	180,202	37,535
October	704,382	564,070	140,312	150,589	(10,277)
November 2014	1,037,363	755,630	281,733	219,125	62,608
December 2014	817,396	511,200	306,196	173,731	132,465
Annual Total	10,901,694	7,832,260	3,069,434	2,344,835	724,599

Note: Calculate accounted water that is used in the RO reject (15% - 18%) Pre-treatment (Regeneration, Back flow, GAC tank, Brine tanks, and Rinse Process Pre-treatment averages 8,000-10,000 per month). Calculate landscaping at 700 gallons average per day or 21,000 per month. General Maintenance: Estimate power washing of solar panels to average 300 gallons per cleaning. Include cleaning of treatment equipment such as trencher, truck, buildings, and water treatment systems.

Calculate unaccounted water as meter inaccuracy, leaks, stolen water, line flushing and fire department use

Use EPA calculation formula

total metered water      X 100 = % of total unbilled water  
 water entering system

Accounted Water For Month of	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept	Oct.
RO reject 15-18%	186,725	147,131	115,514	156,062	147,134	176,853	166,592	226,993	185,483	181,537	145,492	126,789
Regen, etc. -8,000-10,000	10,000	10,000	8,000	10,000	8,000	10,000	10,000	10,000	8,000	10,000	10,000	8,000
Landscaping- ap.700 gal./day - 21,000 gal	21,000	15,000	15,000	18,000	15,000	21,000	21,000	21,000	21,000	21,000	21,000	15,000
Solar panel cleaning 300/per time	600	600	600	600		600	600	900	600	600	600	600
Cleaning equipment, buildings, etc.	800	1000		1000		1000	1000	1000	1000		1000	
Maintenance Building-Metered but not sold						7860	1770	1800	7080	9710	2110	200
Totals	219125	173731	139114	185662	170434	217313	200962	261693	223163	222847	180202	150589
Master Meter verse Sales - difference	281733	306196	170405	303832	192422	273946	312910	352960	266672	250309	217737	140312
Unaccounted Water	62608	132465	31291	118170	21986	56633	111948	91267	43509	27462	37535	(10277)

Dateland Public Service Co., Inc.  
P.O. Box 3011  
Dateland, AZ 85333  
928-257-2255

November 20, 2015

Arizona Corporation Commission  
1200 West Washington Street  
Phoenix, AZ 85007

Attn: Docket Control

RE: DOCKET NO. W-02027A-13-0470  
Decision No. 74784

- \* This is to explain that we had 2 months of extra water loss. Those months were December 2014 when we had a break in a water line which resulted in a major loss, and in February 2015 we had another line break plus we had construction ongoing for a new maintenance building that month.
  
- \* For the October 2015 water we are showing that we accounted for more water than we pumped but we had a couple different things happen that month.  
  
The first difference was a matter of a customer being turned off for lack of payment but because of a defective valve they were still receiving water and it was being metered. When the incident was discovered they were billed for the entire amount for the month of October instead of being split between September and October.  
  
The second item was that on the day we read all the meters the maintenance crew was cleaning the RO filters and had the system down so we had not filled our storage tanks as they are usually done prior to the meter reading.
  
- \* The form made up for our accounted water was done based on the data given to the operator and manager at the time of the new plant installation.